SCALE

SCALE TO FIT

Architecture Committee

اول ايام التدريب الصيفى
دفعة اولى عمارة

٢٠١٧

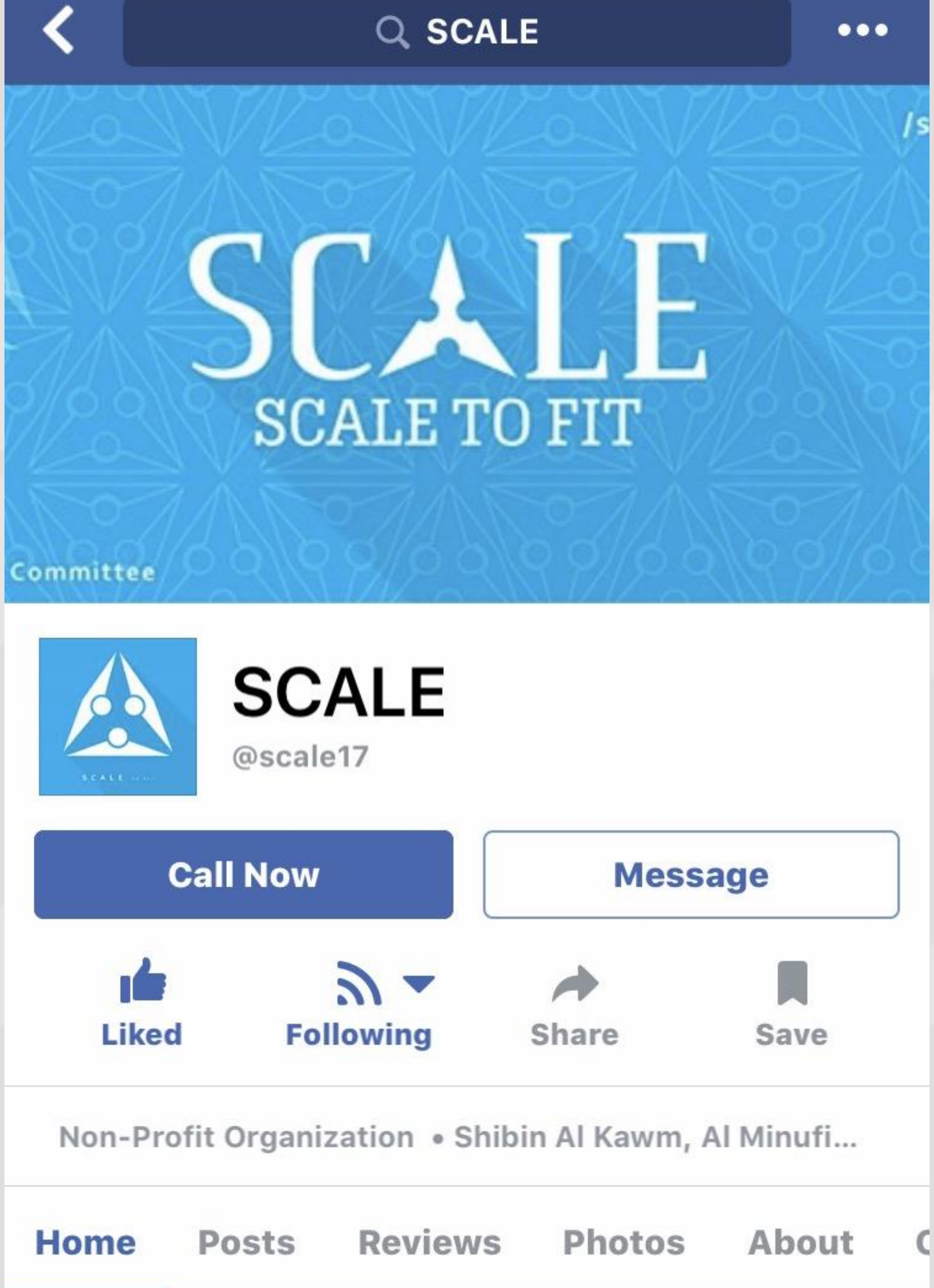
WELCOME DAY

SCALE
SCALE TO FIT

كلية الهندسة - جامعة المنوفية

SCALE DAY

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SCALE DAY

كلمة لاستقبال الطلاب الجدد

رئيس القسم : أ.د / علاء الحبشي

S C A L E T O F I T

How did we get the idea ?



What is our vision ?



What do you think our projects will be like ?



2 tera -Arch Data base





1 st Arch preparation day



SCALE
دوري العمارة


Faculty of
ENGINEERING
كلية الهندسة
يوم العمارة
هندسة كفر الشيخ
30-3-2017



"We Design The Human's Life."

مستويات دراسة العمارة



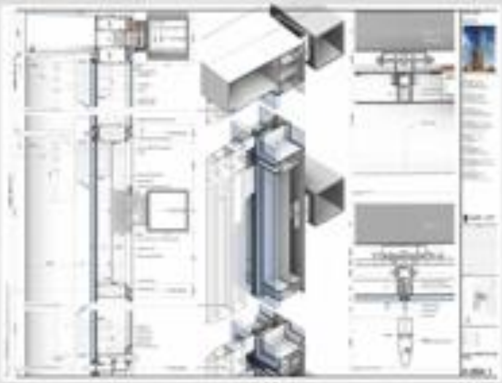
التصميم الحضري



التخطيط العمراني



التخطيط الإقليمى



التصميمات التنفيذية

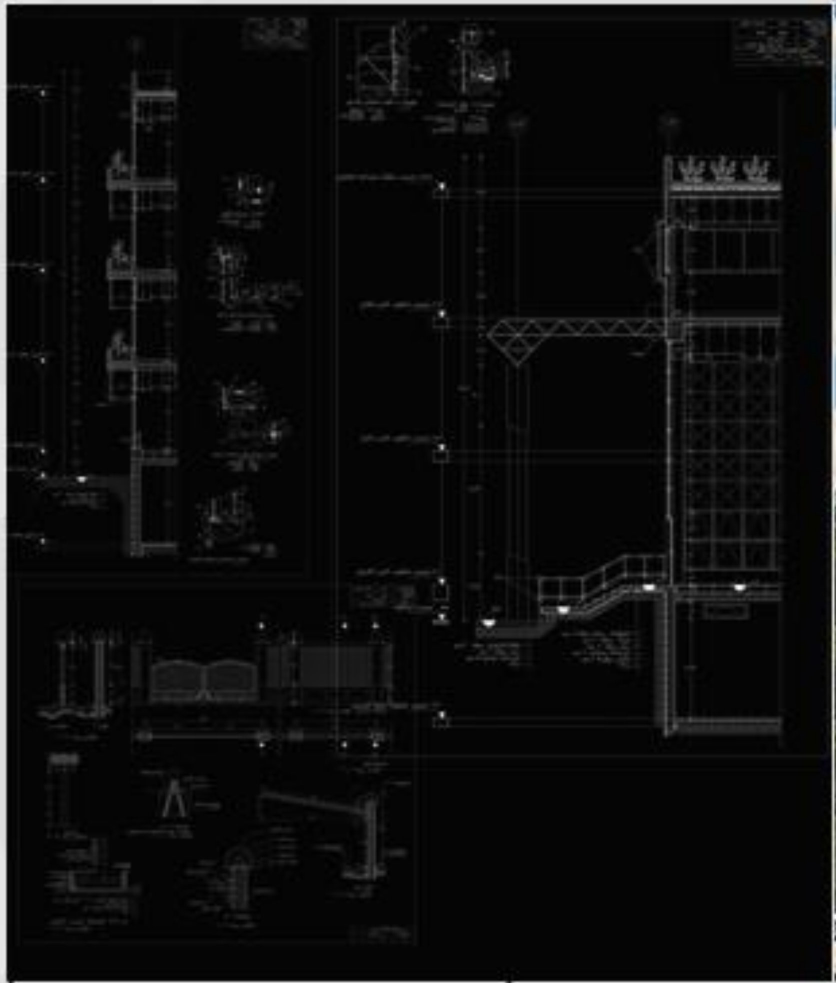


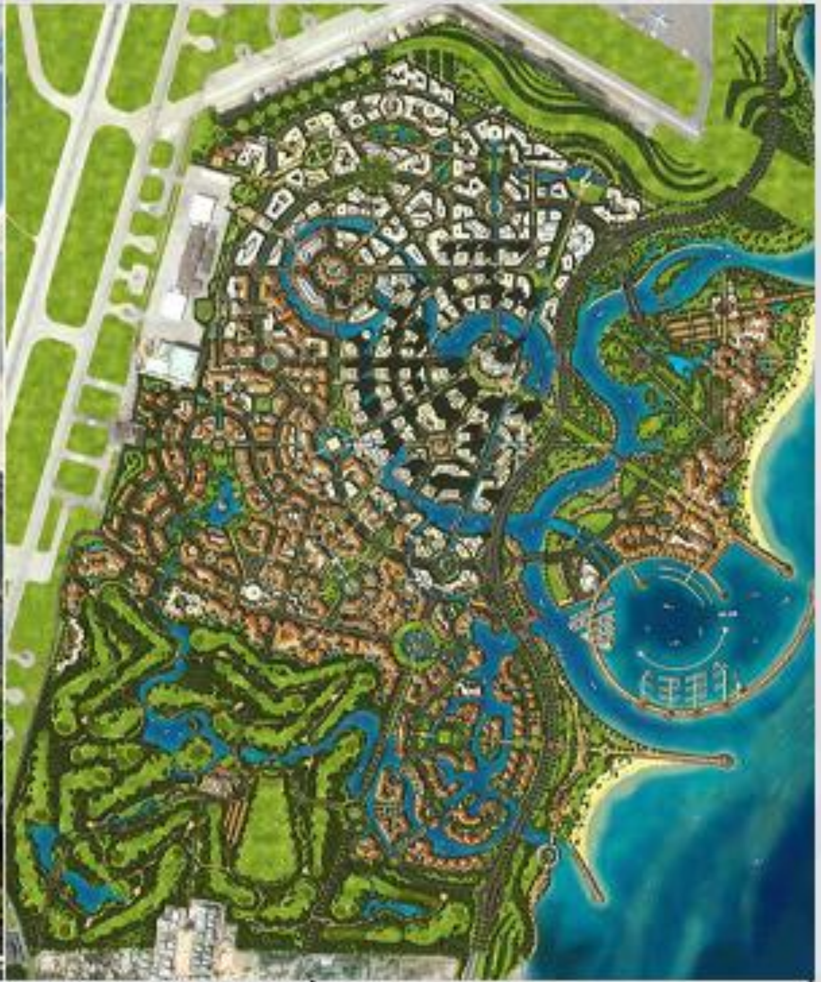
التصميم الداخلي



التصميم العمراني

SCALE DAY





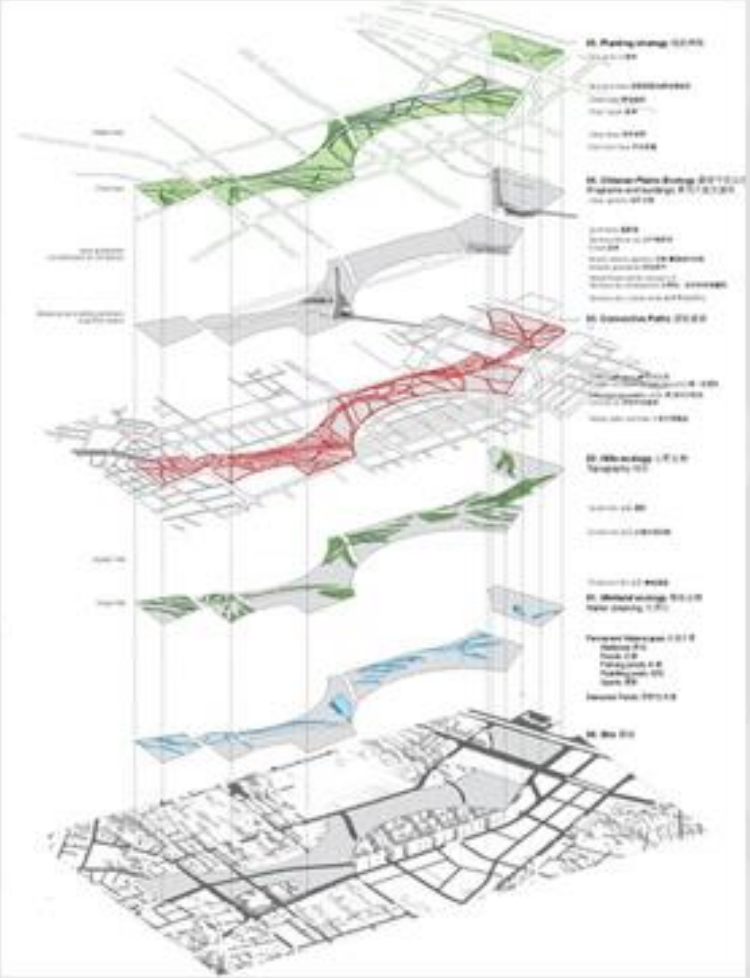
Working

Design

Planning

SCALE DAY





Urban Planning

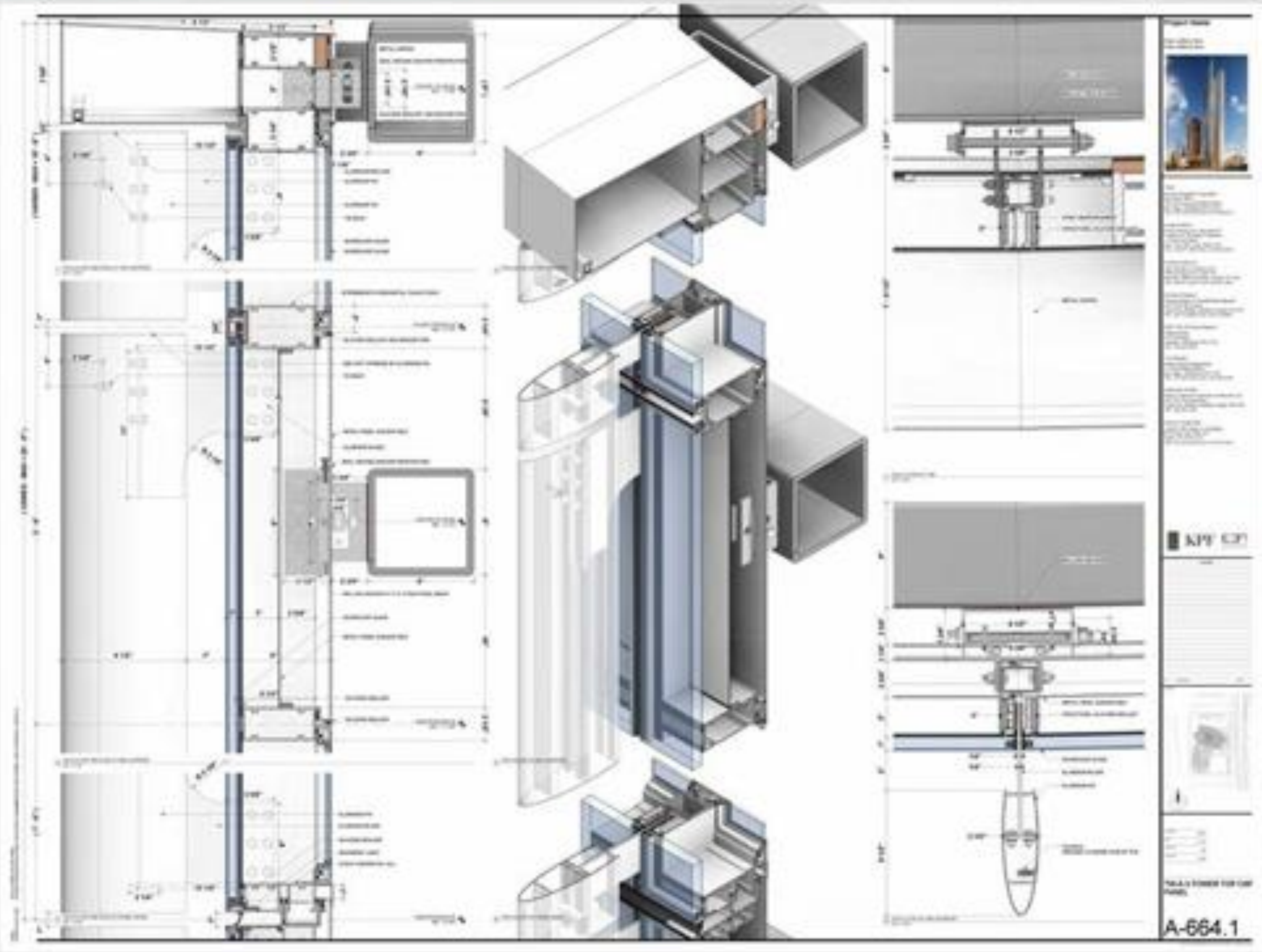
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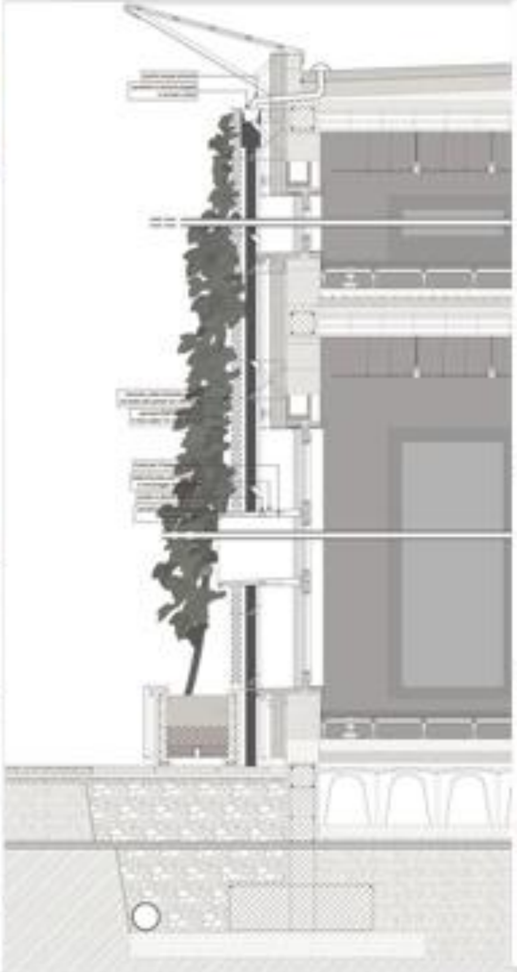


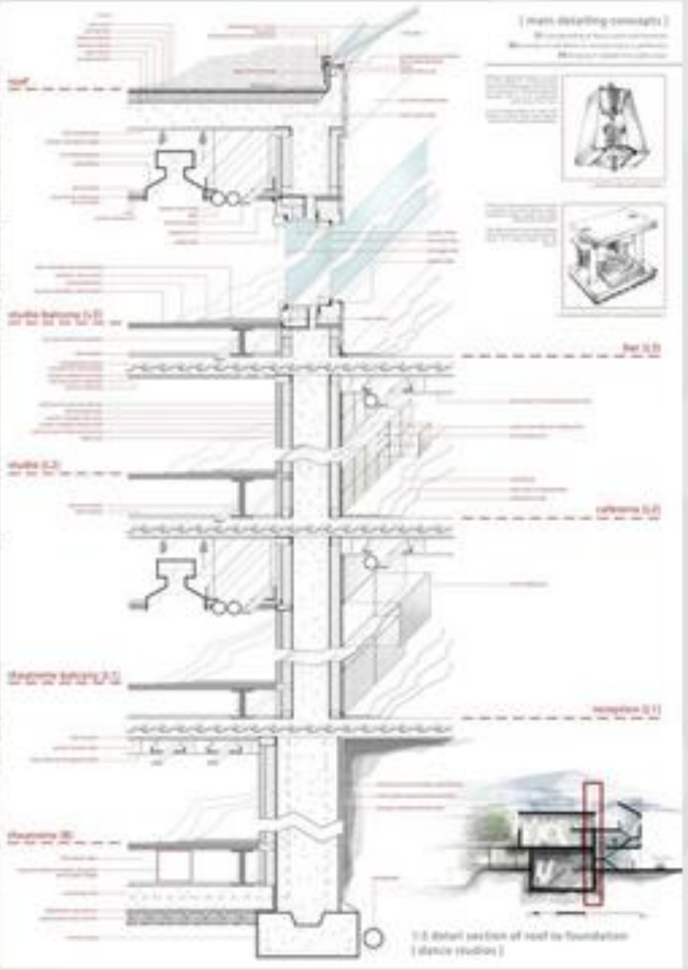


Design

SCALE DAY







Working

SCALE DAY

Introduction to Architectural Softwares

SCALE DAY

Then

Now



The best way to create value in the 21st century is to connect creativity with technology.

Software in Architecture

SCALE DAY

- Modelling
- Rendering
- Post Production
- Addons

SCALE

Software in Architecture

SCALE DAY

- Modelling
- Rendering
- Post Production
- Addons

SCALE

Software in Architecture

SCALE DAY

Modelling

2D
- AutoCad

3D
- Revit
- Sketch Up
- 3ds Max
- Maya
- Rhino
- Dynamo
- fusion360

SCALE

Software in Architecture

SCALE DAY

Rendering

REALTIME

Lumion

Twinmotion

PRODUCTION

Vray

SCALE

Software in Architecture

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PostProduction

- Photoshop
- LightRoom

SCALE

Software in Architecture

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Addons

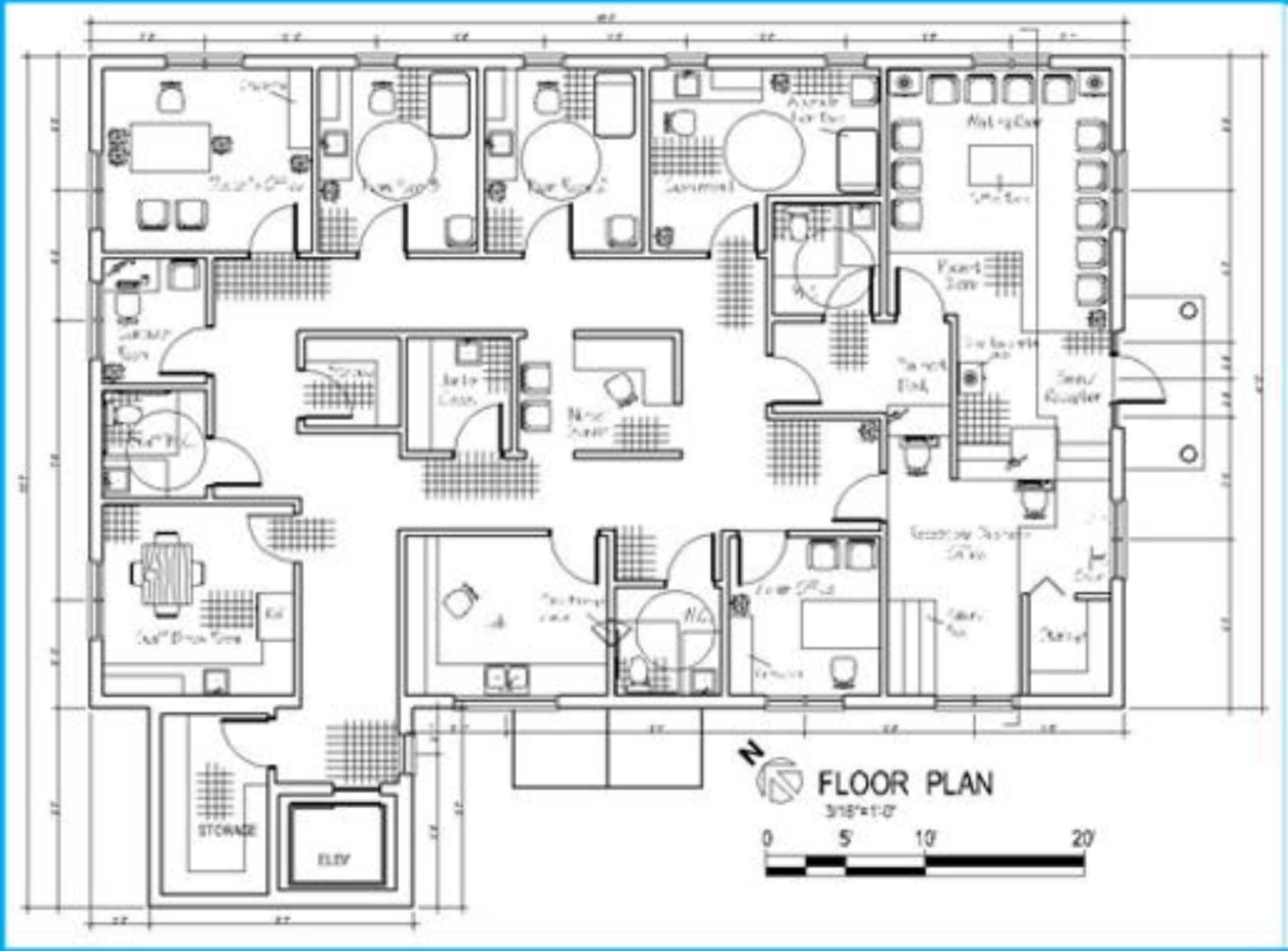
Ai Illustrator

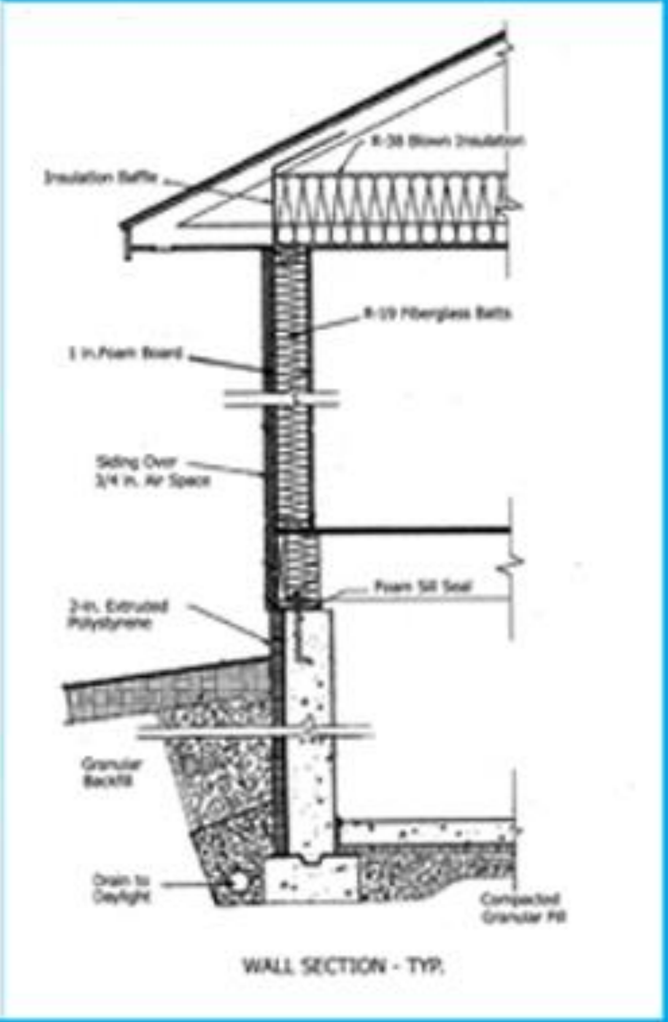
Ae AfterEffects

SCALE

Modelling - Autocad ★

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SCALE

Modelling - Revit ★

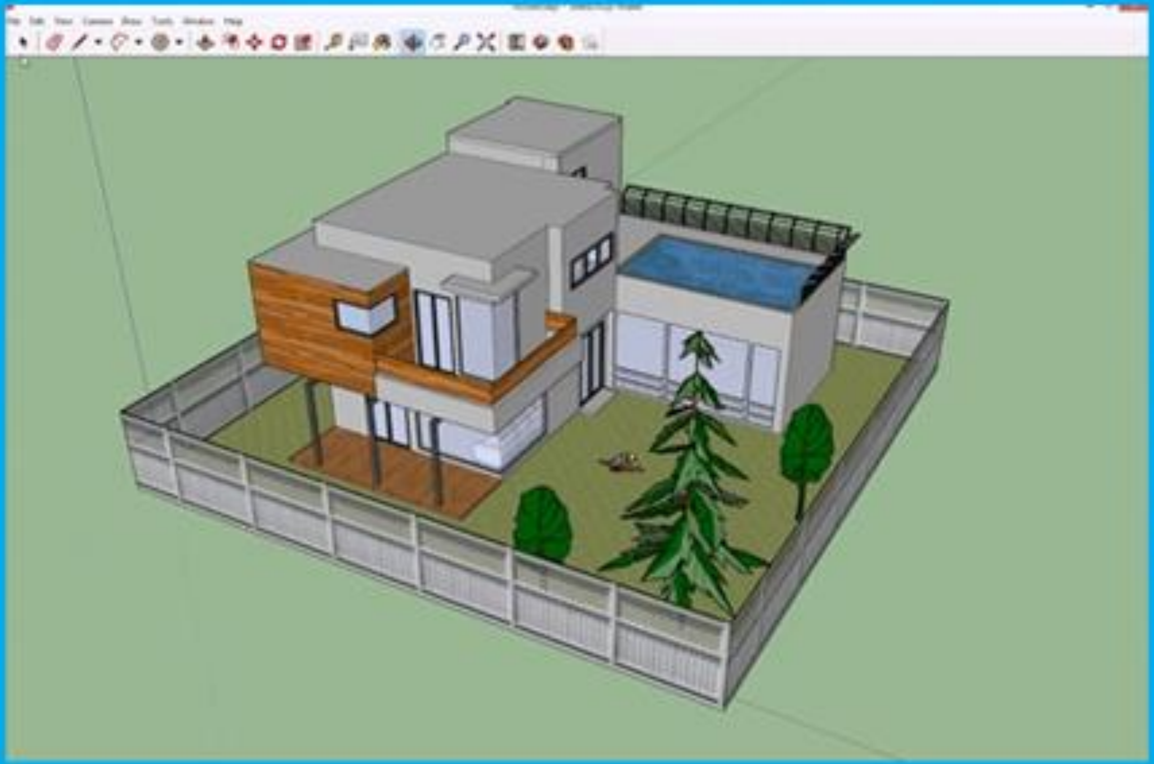




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Modelling - SketchUp ★

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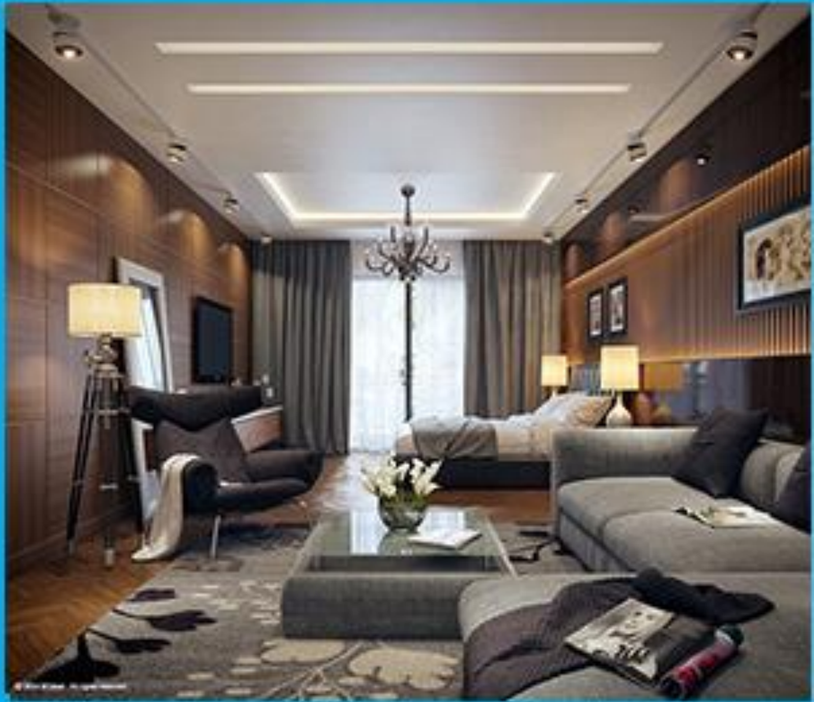
SCALE

Modelling - 3ds Max ★

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SCALE

Modelling - Maya

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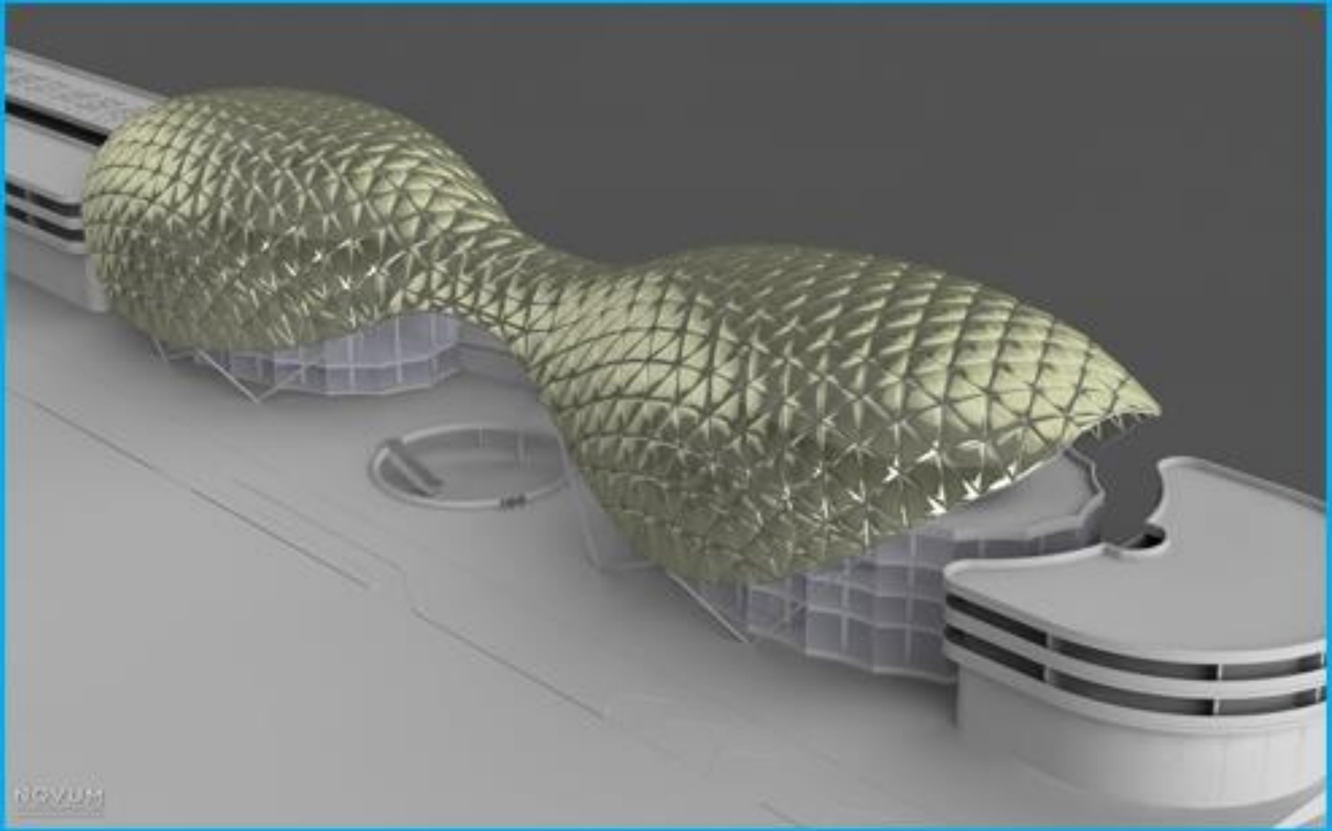


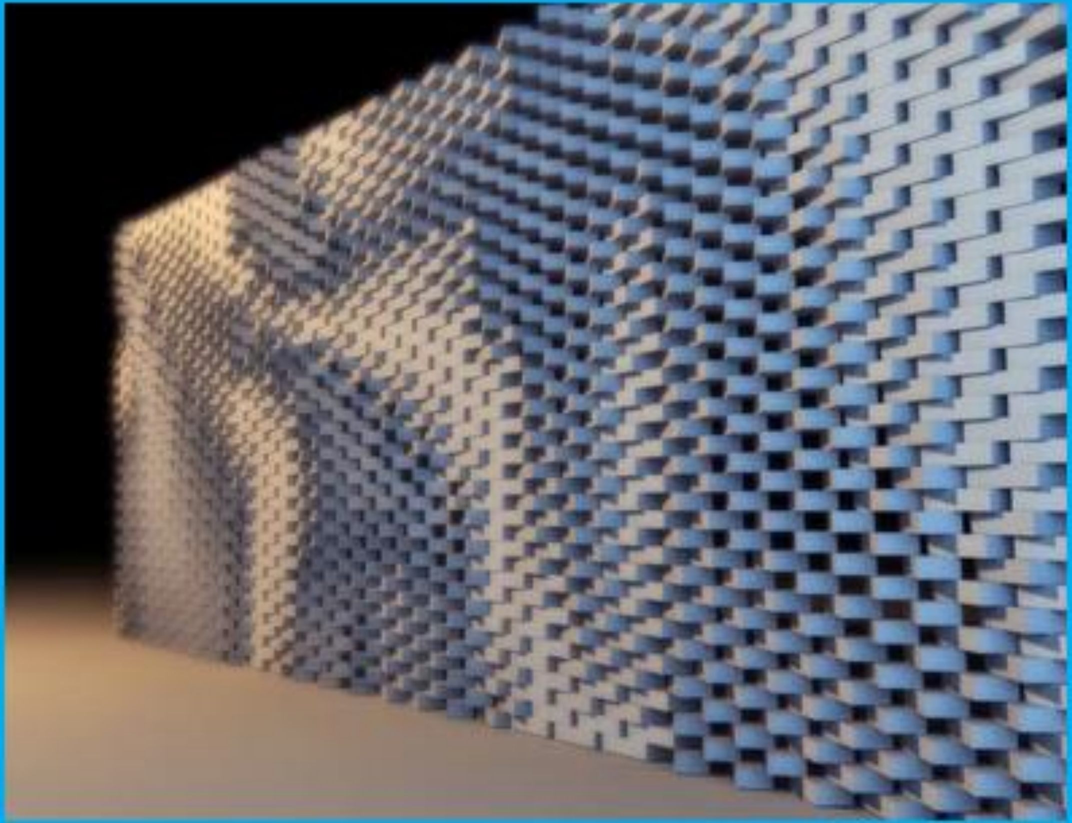


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Modelling - Rhino

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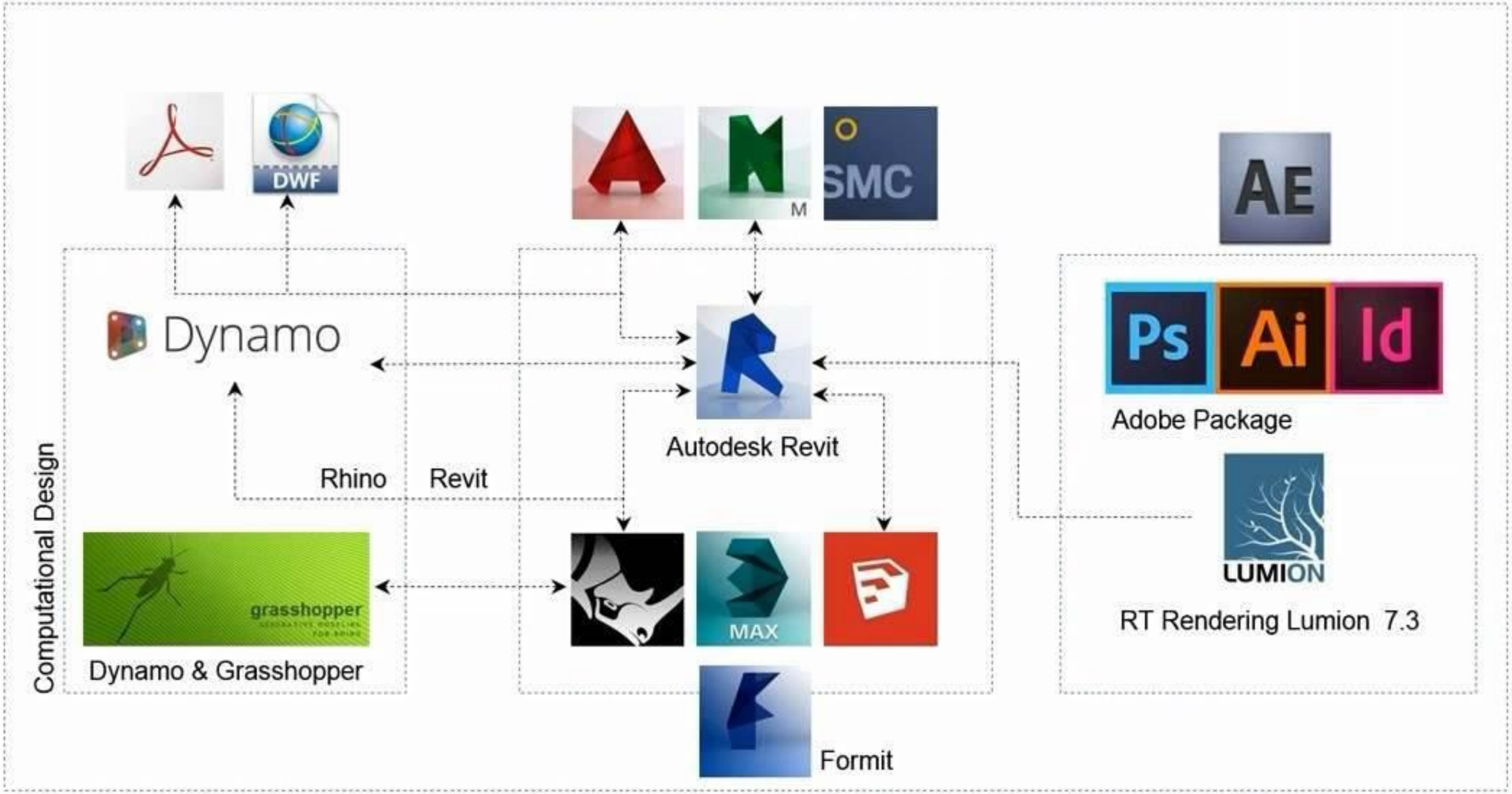




SCALE

WORKFLOW

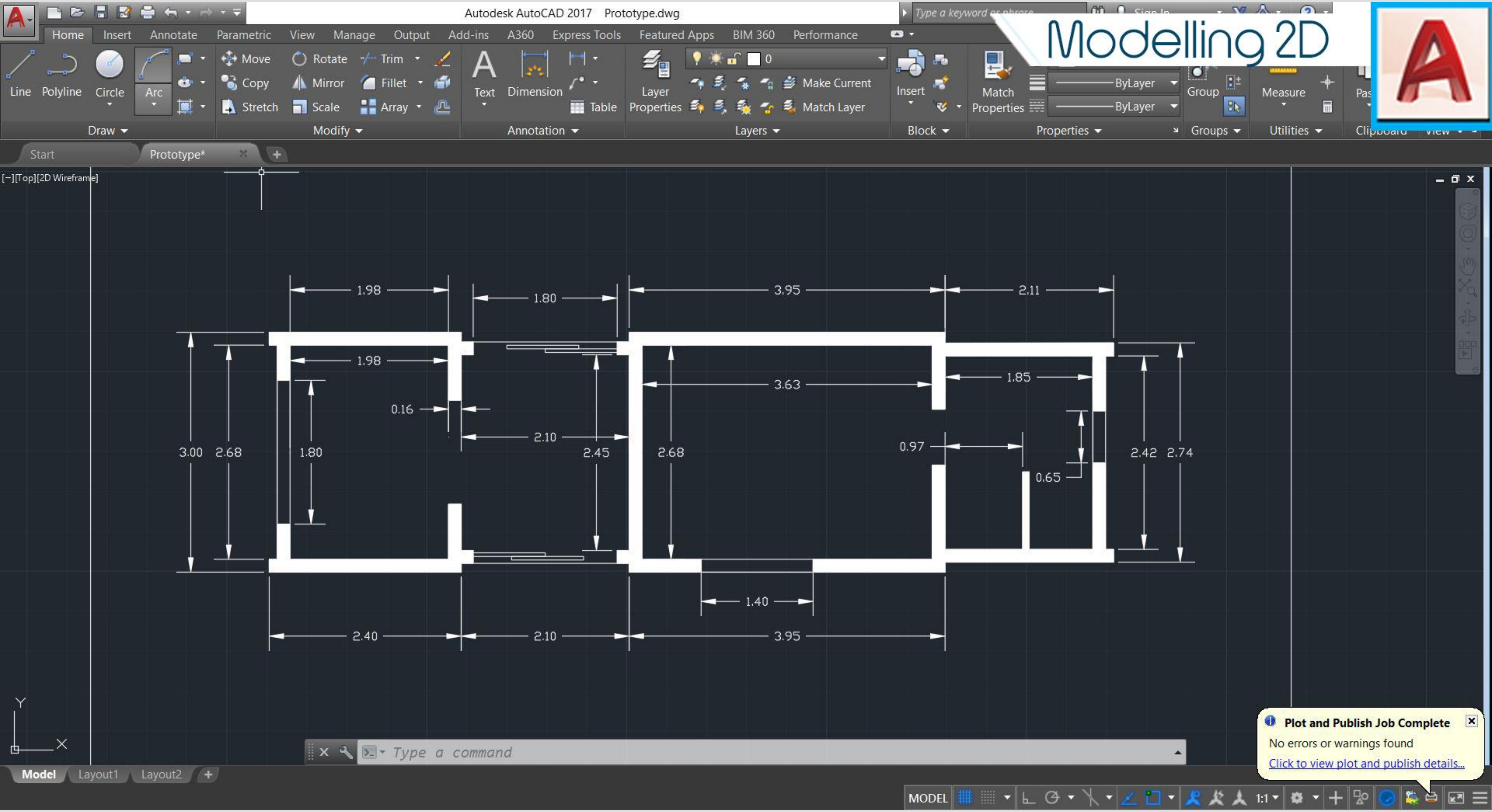
Create Simple & Easy Workflow.

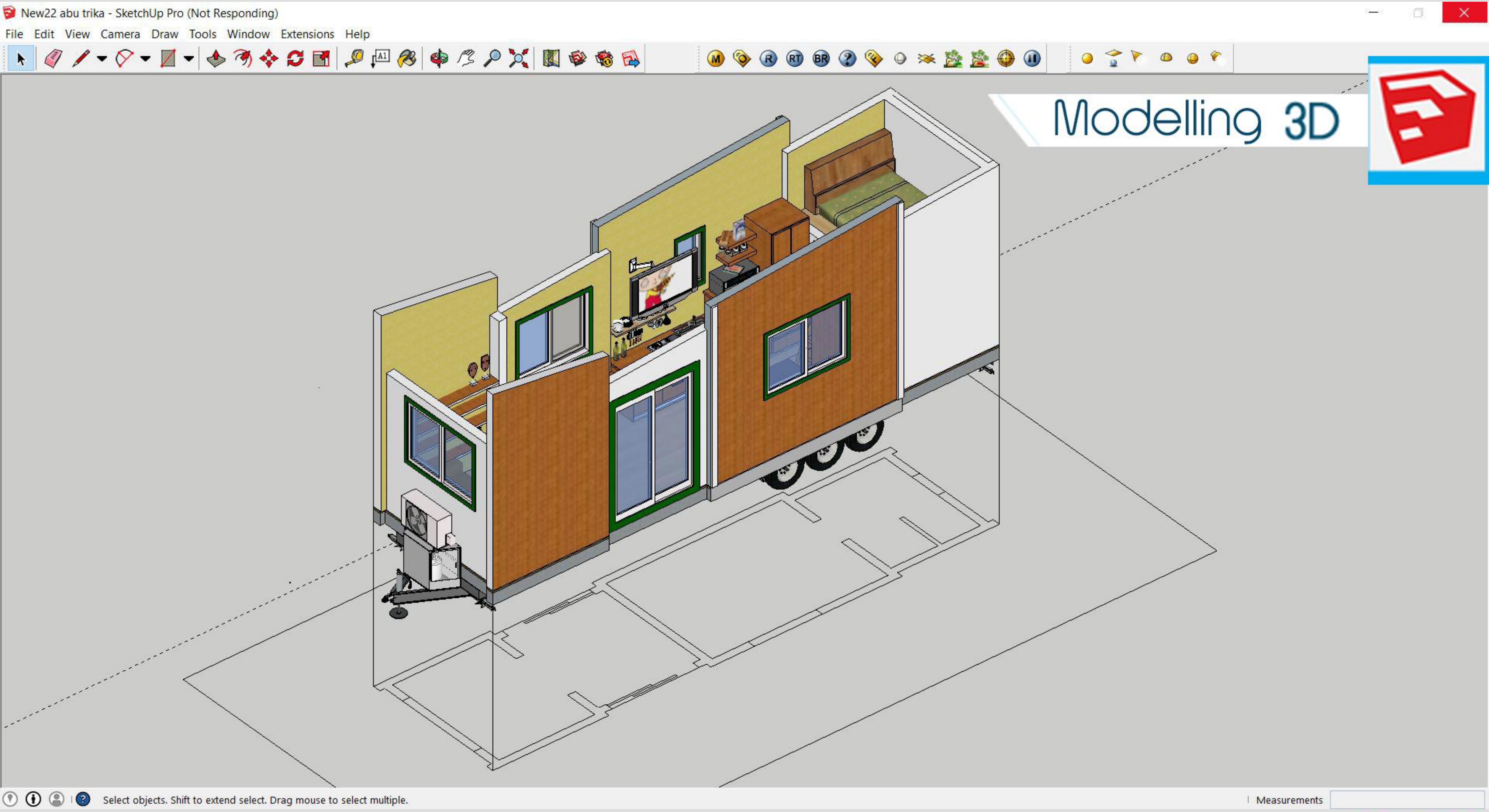


Example

- Modelling
- Rendering
- Post Production
- Addons

Modelling 2D



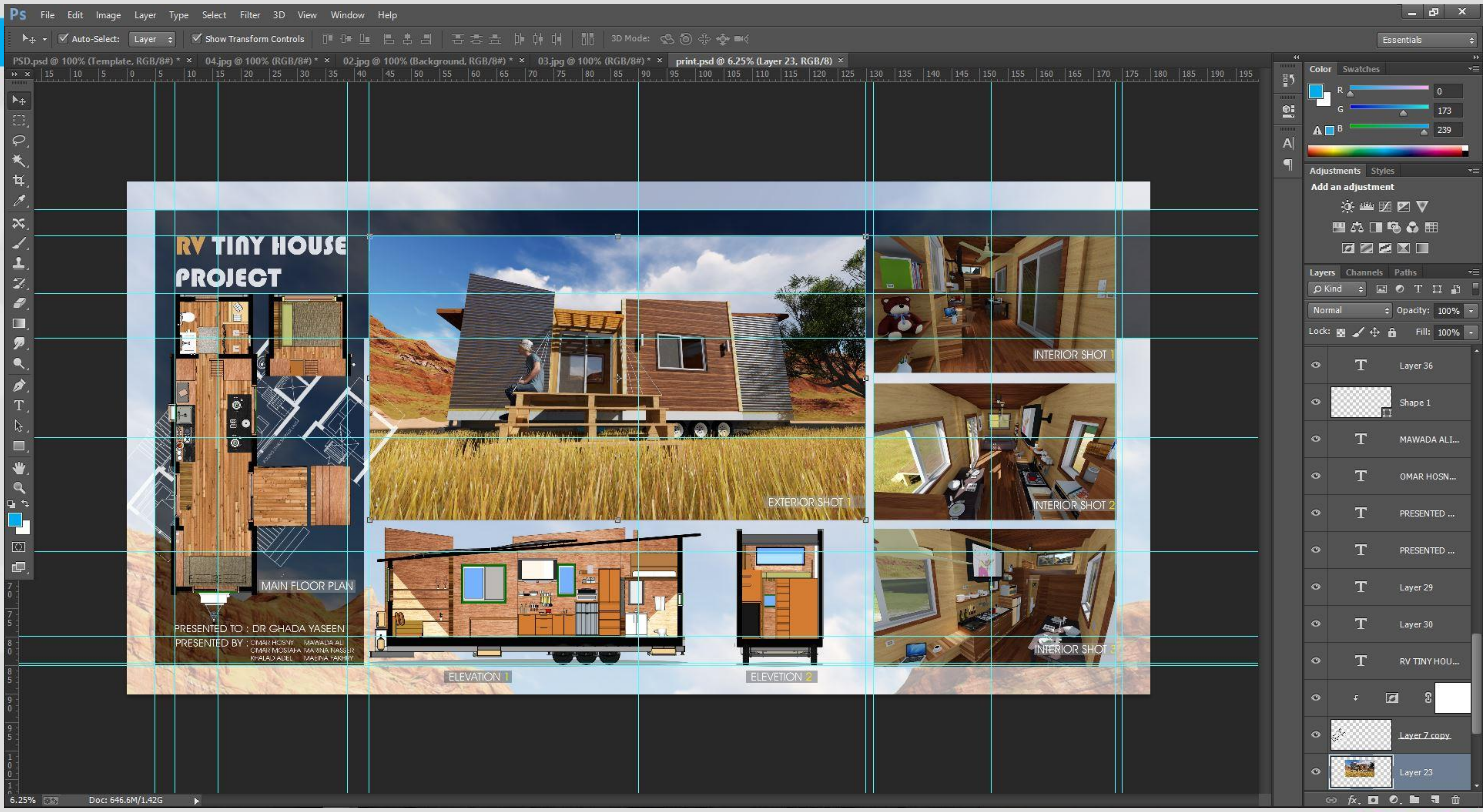

New22 abu trika - SketchUp Pro (Not Responding)
File Edit View Camera Draw Tools Window Extensions Help
Modelling 3D
Select objects. Shift to extend select. Drag mouse to select multiple.
Measurements



Lumion Pro 6.0
H: Toggle Help
Enter: Toggle between Movie Playback and Explore mode
ALT+ 0/1/2...9: Toggle Layer visibility
Rendering
LUMION

SCA




File Edit Image Layer Type Select Filter 3D View Window Help
Auto-Select: Layer
Show Transform Controls
3D Mode:
Essentials
PSD.psd @ 100% (Template, RGB/8#) *
04.jpg @ 100% (RGB/8#) *
02.jpg @ 100% (Background, RGB/8#) *
03.jpg @ 100% (RGB/8#) *
print.psd @ 6.25% (Layer 23, RGB/8)
RV TINY HOUSE PROJECT
MAIN FLOOR PLAN
PRESENTED TO : DR GHADA YASEEN
PRESENTED BY :
EXTERIOR SHOT 1
INTERIOR SHOT 1
INTERIOR SHOT 2
INTERIOR SHOT 3
ELEVATION 1
ELEVETION 2
Color Swatches
Adjustments Styles
Add an adjustment
Layers Channels Paths
Normal
Opacity: 100%
Lock:
Fill: 100%
Layer 36
Shape 1
MAWADA ALI...
OMAR HOSN...
PRESENTED ...
PRESENTED ...
Layer 29
Layer 30
RV TINY HOU...
Layer 7 copy
Layer 23
6.25%
Doc: 646.6M/1.42G

RV TINY HOUSE PROJECT



MAIN FLOOR PLAN



EXTERIOR SHOT 1



INTERIOR SHOT 1



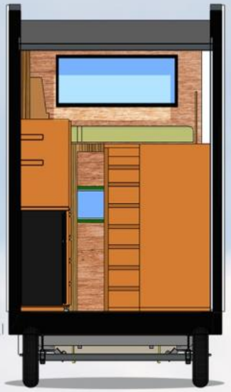
INTERIOR SHOT 2



INTERIOR SHOT 3



ELEVATION 1



ELEVETION 2

PRESENTED TO : DR GHADA YASEEN

PRESENTED BY : OMAR HOSNY, MAWADA ALI, OMAR MOSTAFA, MARINA NASSER, KHALAD ADEL, MAEINA FAKHRY

Architecture & Hardware

- Type of Machine
- CPU
- GPU
- Ram

- Type Of Machine



Laptops



PC

SCALE DAY

- Type Of Machine

	 Laptops	 PC
Processor	NO	Yes
VGA	NO	Yes
RAM	Yes	Yes
Storage	Yes	Yes

- CPU

intel inside CORE™ i3

intel inside CORE™ i5

intel inside CORE™ i7

- CPU

Cores & Threads

2 " Dual " Core --------> 4 Threads

4 " Quad " Core --------> 8 Threads

- CPU

Type Of Cores

Core IX-Y000Z

X - Core

Core i7

Core i5

Core i3

Y - Generation

4th Gen.

5th Gen.

6th Gen.

7th Gen.

Z - Suffix

U

HQ

MQ - QM

K - S - R - T

- CPU

Type Of Cores

Core i7-7700HQ

7 - Core

Core i7

7 - Generation

7th Gen.

HQ - Suffix

HQ

- VGA Cards



Gaming

Low Cost

GTX

GFX

High Cost



Quadroo

- VGA Cards

GTX



Nvidia GTX 8.xx - 9.xx - 10.xx

AMD Radeon RX 5.xx

Min : 2GB --- Max : $

- RAM

DDR3 or 4 or 5

Min : 8GB DDR3



SCALE DAY

• LENOVO Y520-15IKBN



Processor : intel Core i7-7700HQ

VGA : GTX 1050ti (4GB DDR5)

RAM : 16GB DDR4

4100 ريال سعودي

SCALE DAY

- Acer Aspire 7 A715-71G



Processor : intel Core i7-7700HQ

VGA : GTX 1050ti (4 GB DDR5)

RAM : 8GB DDR4

3500 ريال سعودي

SCALE DAY

- ASUS ROG GL552VX



Processor : intel Core i7-7700HQ

VGA : GTX 950m (4 GB)

RAM : 8GB DDR4

3500 ريال سعودي

SCALE DAY

- MSI GL62-7QF



Processor : intel Core i7-7700HQ

VGA : GTX 960m (2 GB)

RAM : 8GB DDR4

3500 ريال سعودي

SCALE DAY

- Asus VivoBook X556UR



Processor : intel Core i7-7500U

VGA : GTX 930 (2GB)

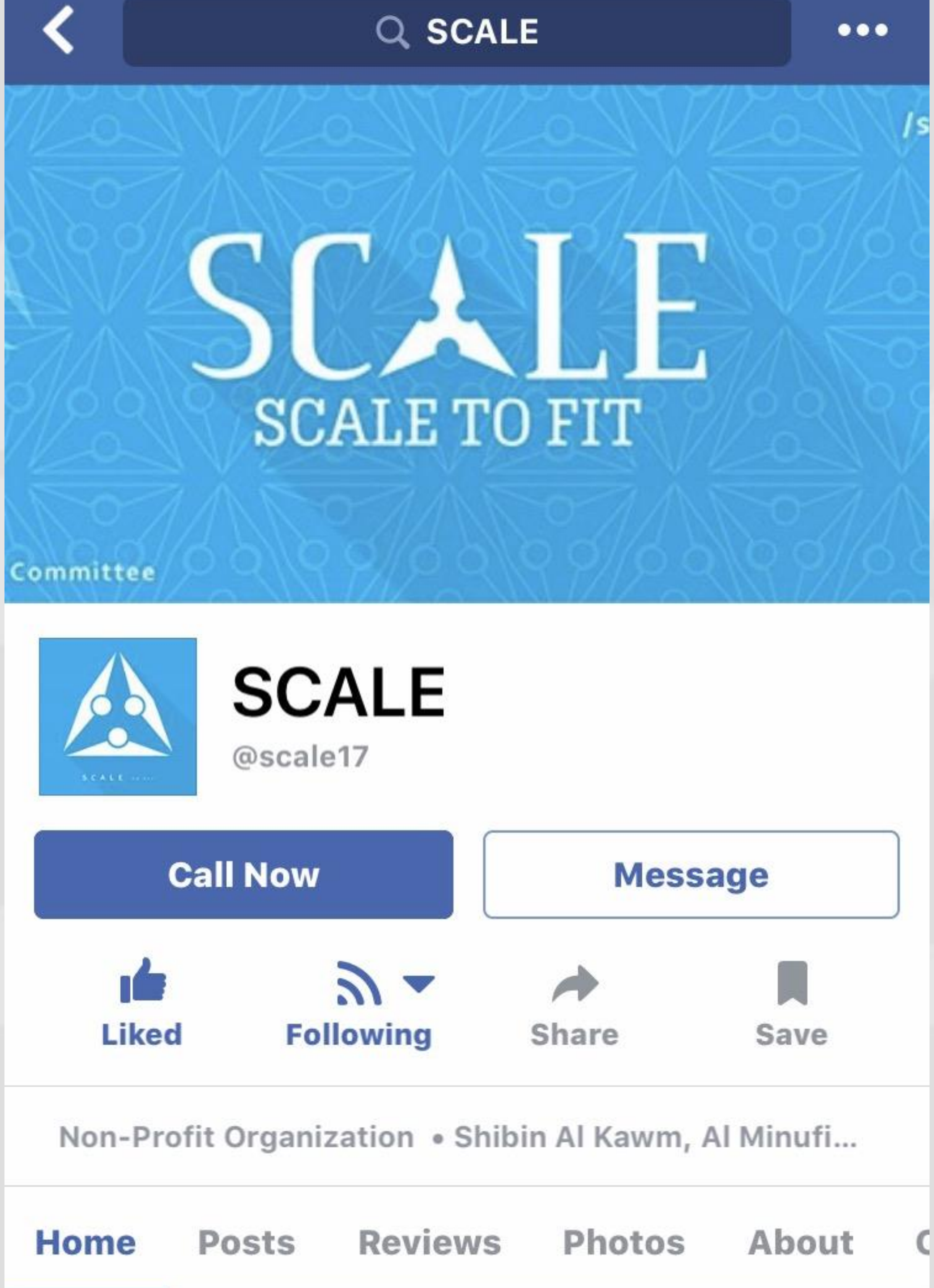
RAM : 8GB

2600 ريال سعودي

S C A L E T O F I T

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First Grade

Tools And Materials

SCALE DAY

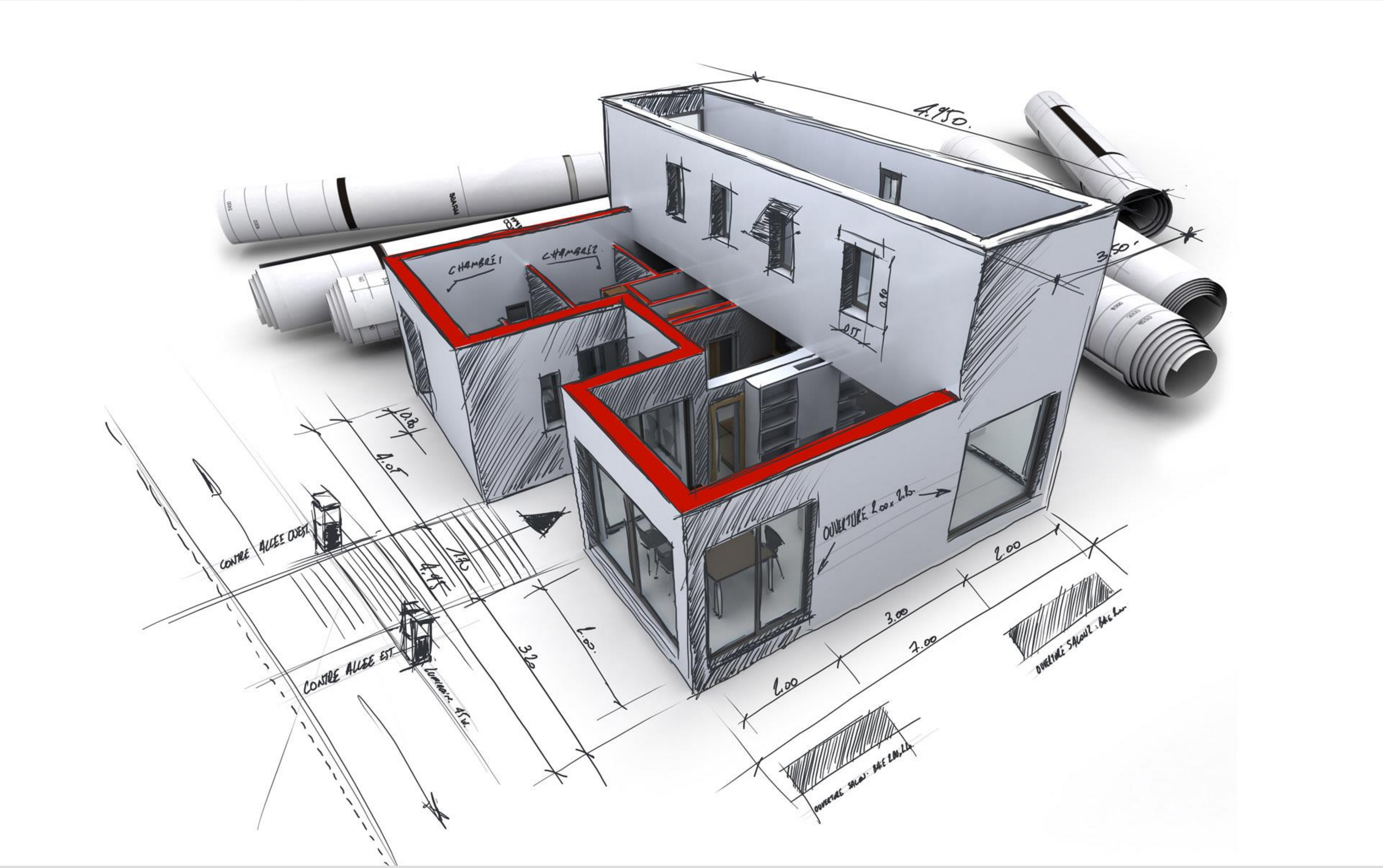
1st Term

- Visual Training
- ظل ومنظور
- مساحة
- Material
- تصميم معماري
- إنشاء معماري

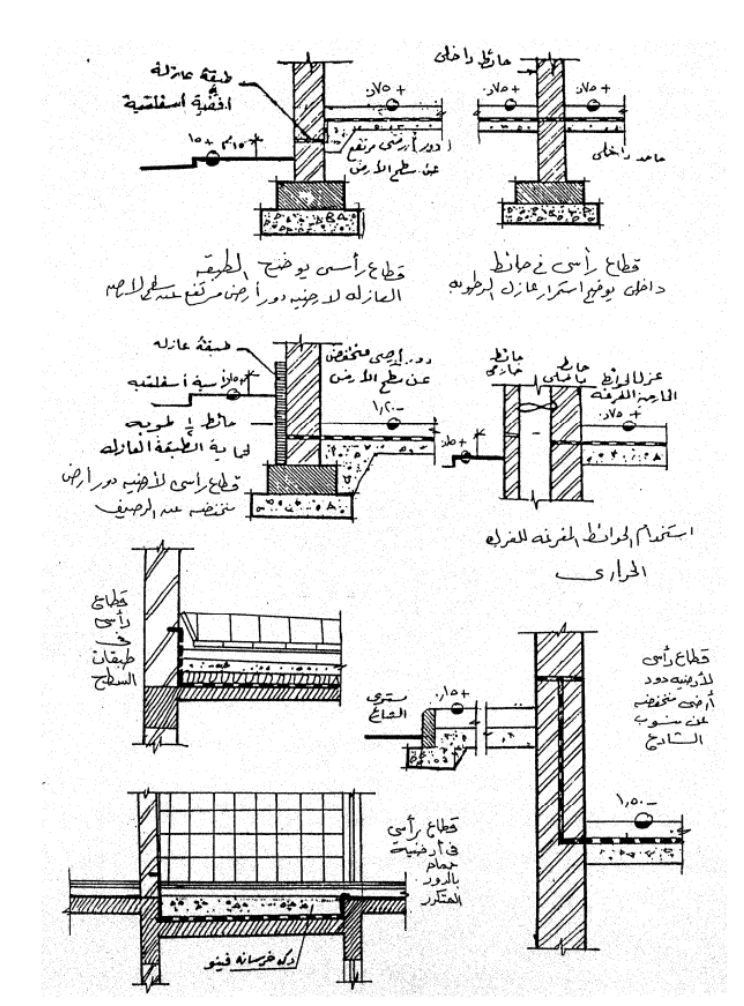
2nd Term

- تاريخ العمارة
- ظل ومنظور
- حاسب الي
- اسس تصميم بيئي
- تصميم معماري
- إنشاء معماري

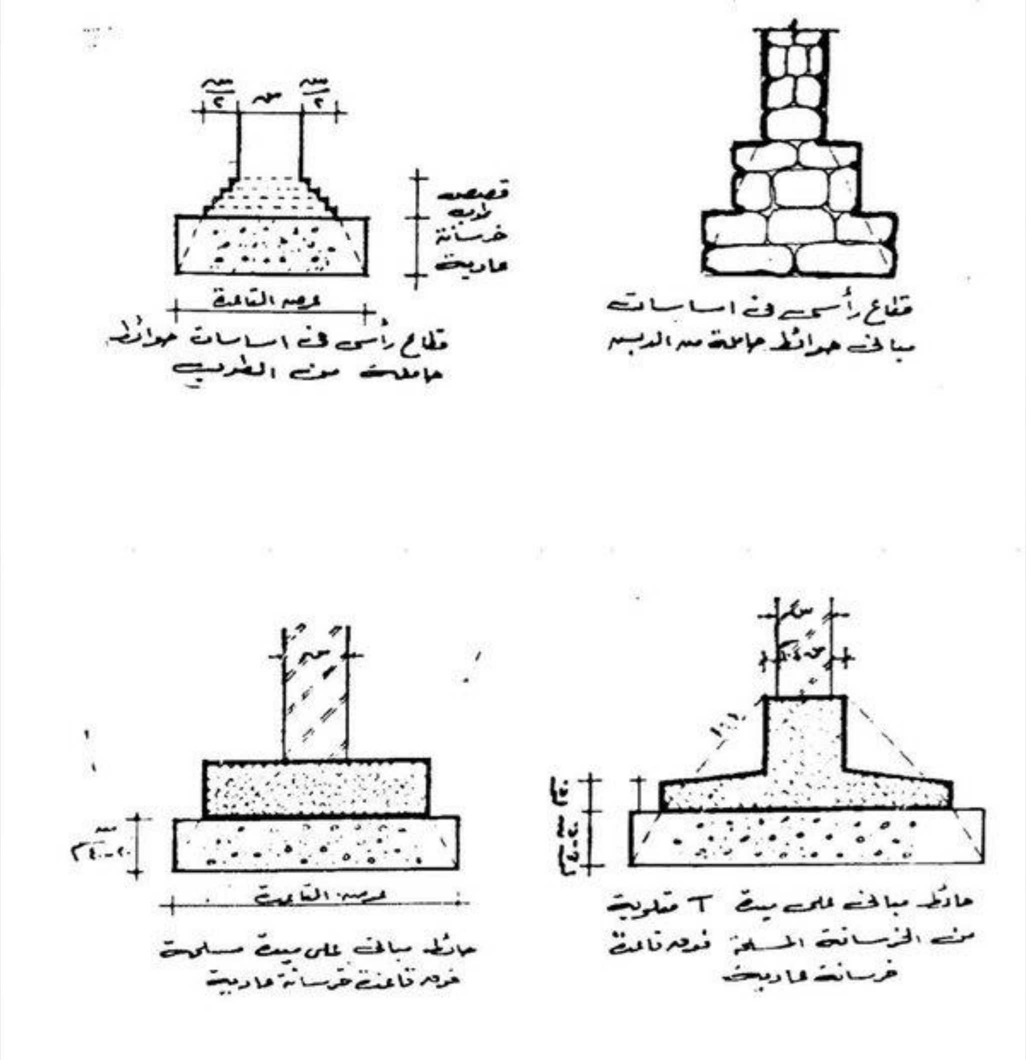
- تصميم معماري



- إنشاء معماري



شكل رقم (48) وضع الطبقة العزلة للرطوبة في المناسيب المختلفة لحماية الدور الأرضي



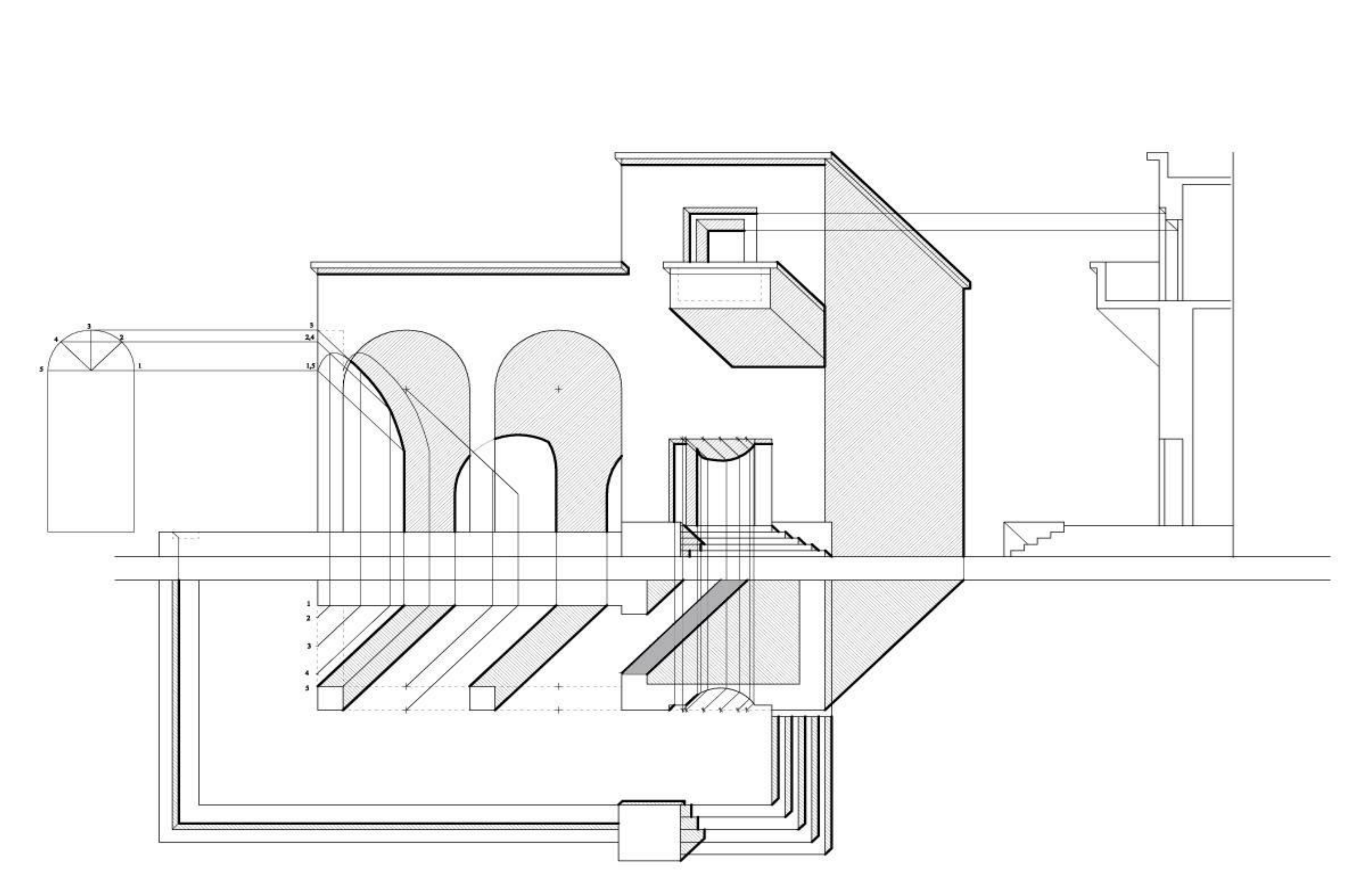
1st Term

VISUAL TRAINING

- Colour Theory
- **Elements of Design**
- **Principles of Design**
- Form Transformation
- Spatial Organizations



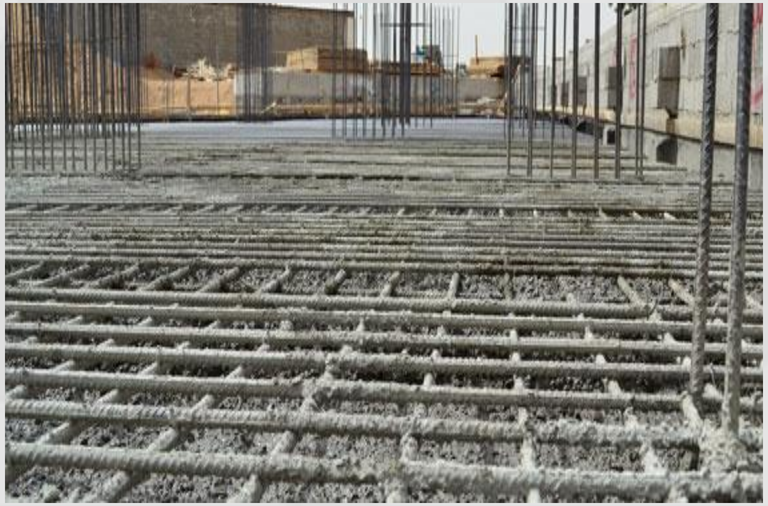
- ظل ومنظور 1



- المساحة المستوية



Material





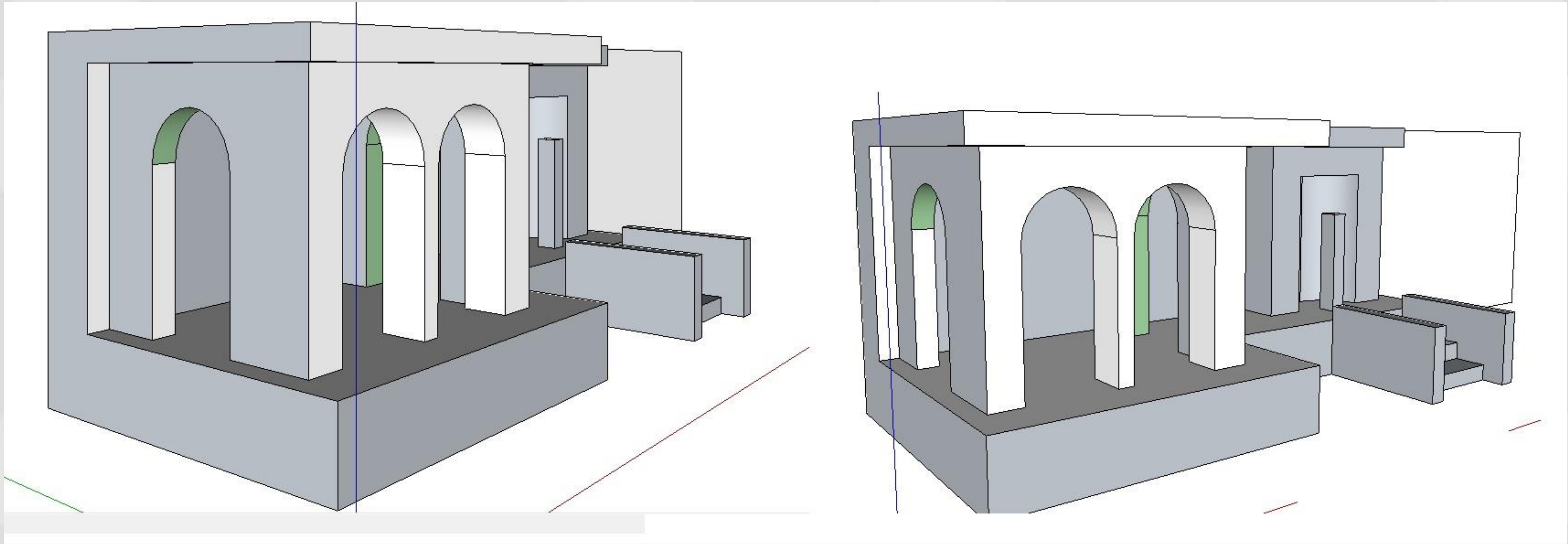
SCALE DAY

2nd Term

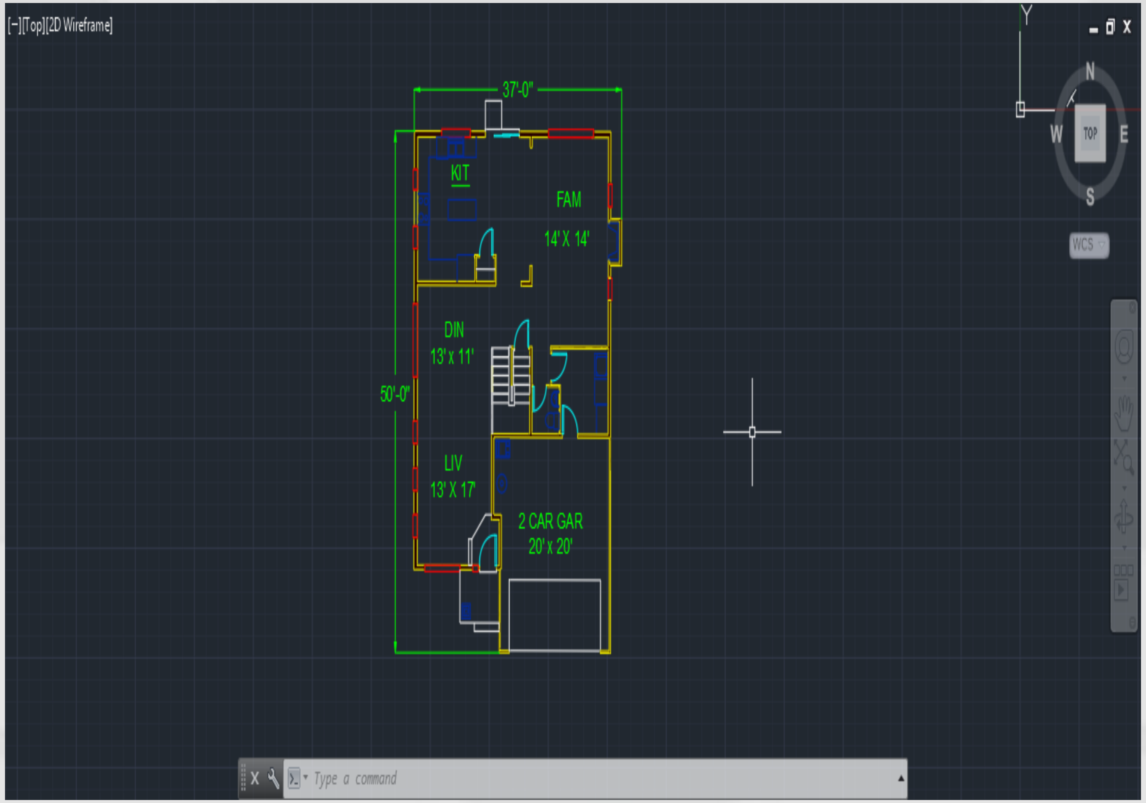


- تاريخ العمارة

ظل ومنظور2

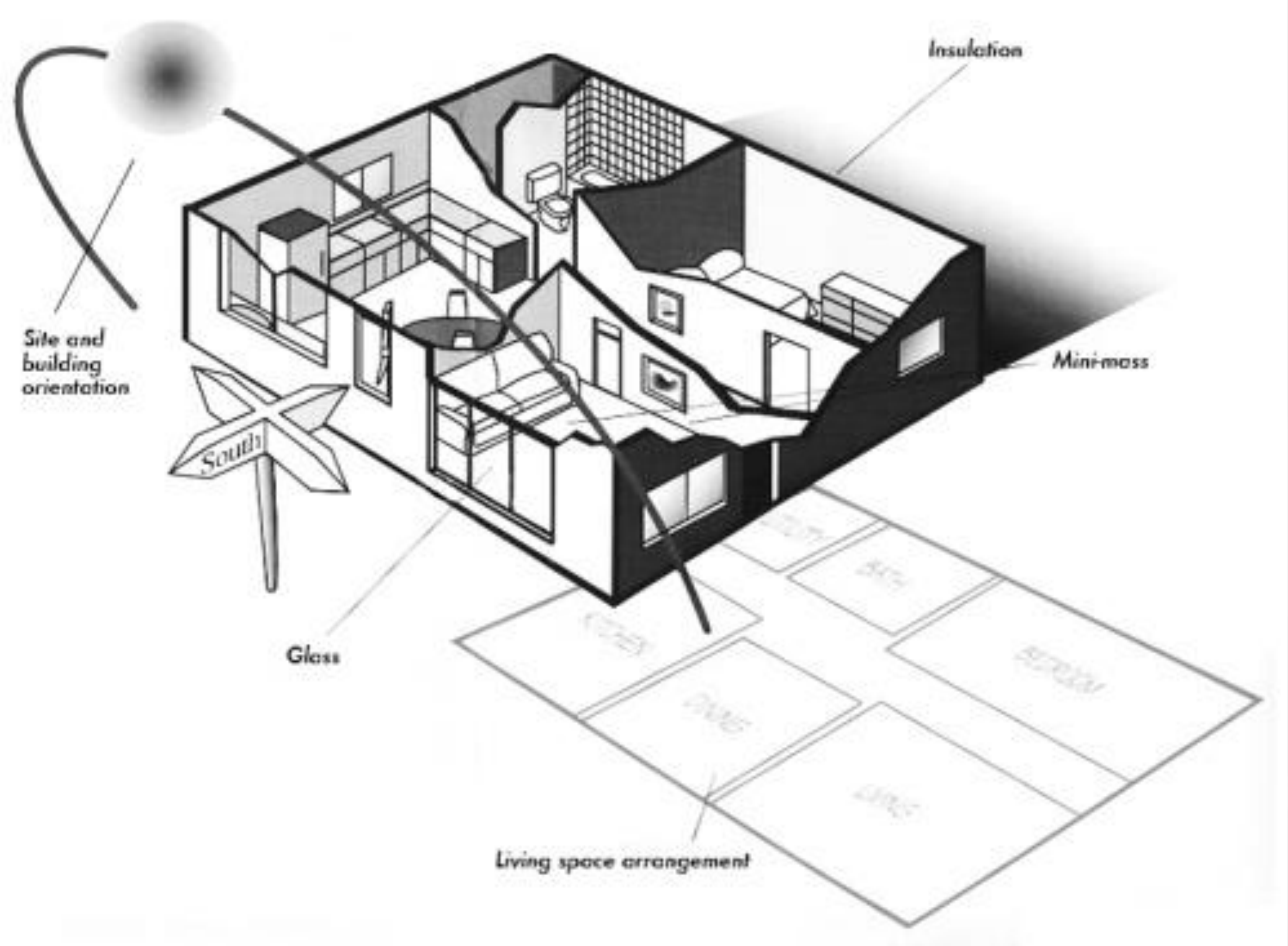


- حاسب آلي


[-][Top][2D Wireframe]
37'-0"
KIT
FAM
14' X 14'
DIN
13' x 11'
50'-0"
LIV
13' X 17'
2 CAR GAR
20' x 20'
N
W
TOP
E
S
WCS
Type a command


AutoCAD

اسس تصميم بيئي



Tools

Board





مسطرة T
120cm

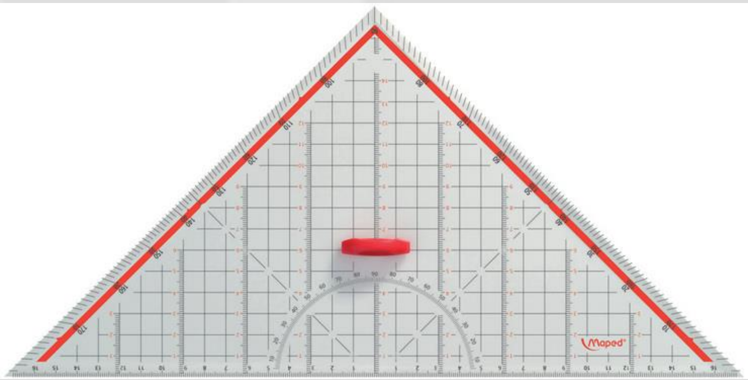


مثلثات 30-60

و 45

و ارسطو





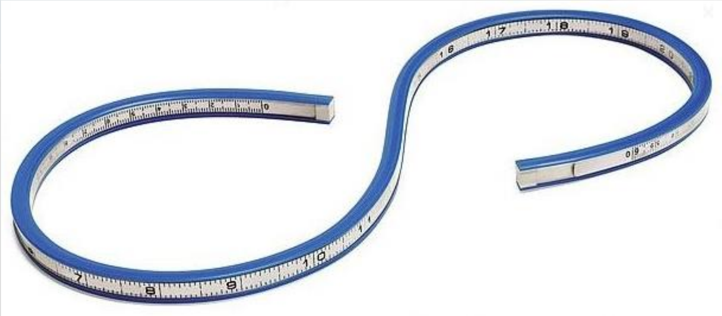
SCALE DAY

شبلونات الفرش
والحروف والدوائر





فرنش كيرف



مسطرة اسكيل
و مسطرة قياس





الأقلام

اقلام رصاص و درجاتها





اقلام السنون

3.5- 5- 7

قلم اسكرو







اقلام تحبير





اقلام
Unipin



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الوان الخشب



الوان الماركر





SCALE DAY

الالوان المائية



فان جوخ





الوان جواش

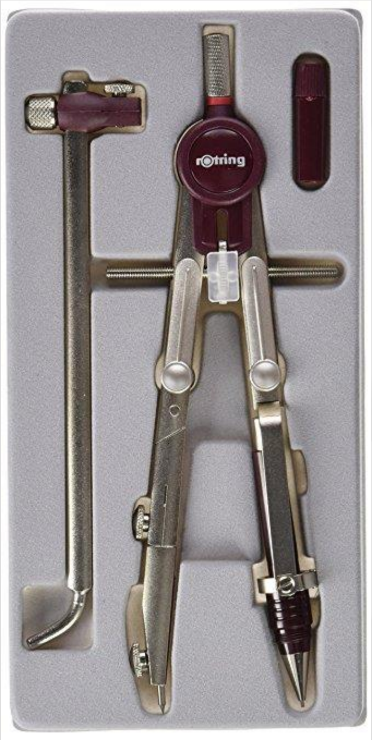
فرش الالوان



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البرجل



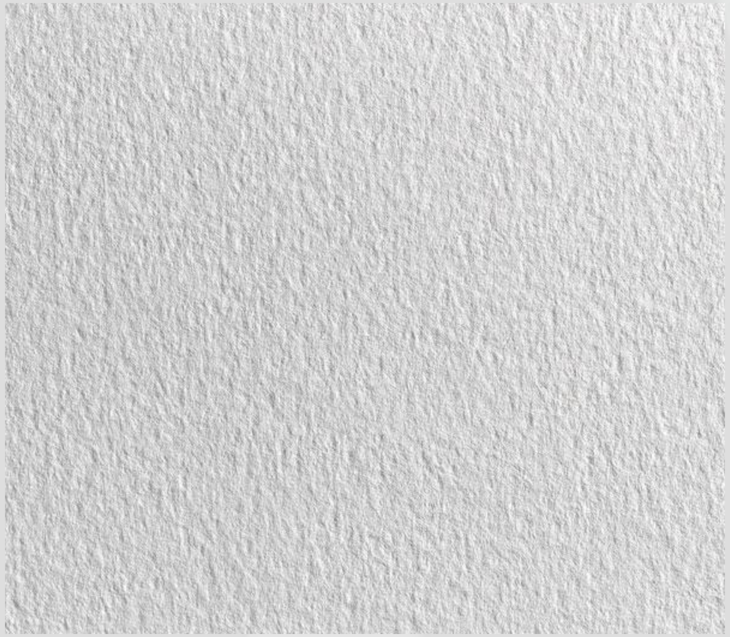


الاسكتشات



اللوحات





الشفافات



لاصق



Cutter

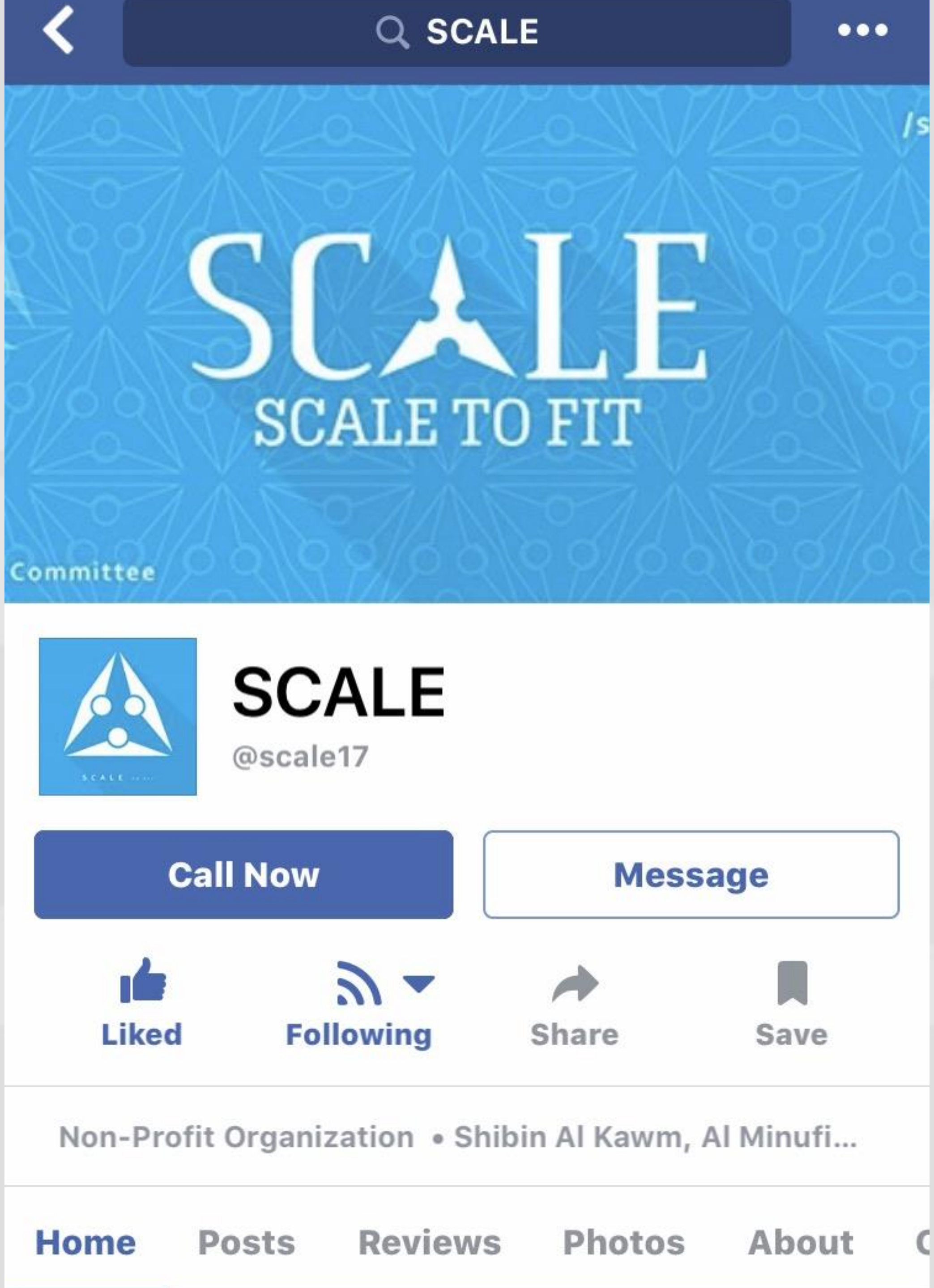


مسدس شمع



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Thanks :)